

CLAIMS

What is claimed is:

1. A water outlet structure of a ceramic control valve for a single-handled faucet, comprising a valve body, a regulating seat, an upper switching control valve, a lower switching control valve, and a switching control base wherein the valve body has a housing chamber disposed at the center thereof for the regulating seat with a control stick joined thereto to be adapted therein, and the upper switching control valve has a regulating cavity of proper width and length disposed at the center of the lower bottom thereof matching to cold/hot water inlet holes and a water outlet hole of the lower switching control valve, and cold/hot water inlet passages and a water outlet passage of the switching control valve thereof; the water outlet structure being characterized by that,

--the regulating cavity of the upper switching control valve having a slant plane facet defining at one front side thereof in a trapezoid-like design; and the cold/hot water inlet holes of the lower switching control valve having slant facets defined at one long side thereof respectively;

--when the handle of a faucet is pried upwards from the center or to the right for the discharge of cold water, the upper switching control valve activated by the control stick thereof will slide forwards with the regulating cavity moved therewith to open the cold water inlet hole thereof for the discharge of cold water via the water outlet hole and water outlet passage thereof, and the slant plane facet of the regulating cavity will align in parallel with the slant side of the hot water inlet hole to seal up the discharge of hot water, preventing the waste of energy of the hot water heater and avoiding the danger of burning the users by accident; besides, the trapezoid-like regulating cavity increased in width and provided with plane surfaces at both sides thereof can also keep the discharge of

water to the maximum in a smooth manner.